

Converting Colors

YUV(166.2820, 22.0460,
-71.2843)

Have a look what the booklet for
YUV(166.2820, 22.0460, -71.2843)
contains.

YUV(166.2820, 22.0460, -71.2843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.2820, 22.0460,
-71.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	55C7D3
RGB	85, 199, 211
RGB Percent	33%, 78%, 83%
CMY	0.6667, 0.2196, 0.1725
CMYK	0.60, 0.06, 0.00, 0.17
HSL	186°, 59%, 58%
HSV	186°, 60%, 83%
XYZ	35.9276, 47.4813, 68.8992
YIQ	166.2820, -71.7960, -20.4360

Conversions

Conversions Part 2

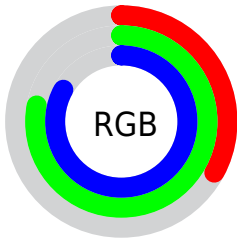
Format	Color
RYB	85, 145, 211
Decimal	5621715
CIELab	74.50, -28.55, -15.68
CIELCh	74, 32.571, 208.769
Yxy	47.4813, 0.2359, 0.3117
Android (android.graphics.Color)	4283811795 (0xFF55C7D3)
YUV	166.2820, 22.0460, -71.2843
Hunter-Lab	68.9067, -27.5176, -11.0489

Details

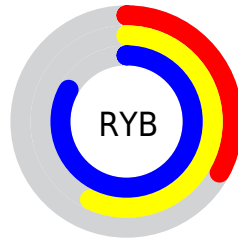
The YUV color **166.2820, 22.0460, -71.2843** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.7180, -22.0460, 71.2843**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **102.8990, 26.1788, -90.2424** is the 20% darker color. If you saturate the color by 10%, you get **158.8290, 25.7203, -83.1650**, and if you desaturate by 10%, it is **173.7350, 18.3716, -59.4036**.

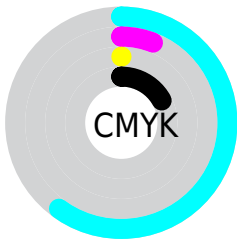
Distribution



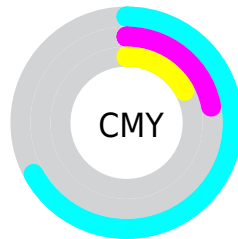
- Red (33%)
- Green (78%)
- Blue (83%)



- Red (33%)
- Yellow (57%)
- Blue (83%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2820, 22.0460, -71.2843 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.2820, 22.0460, -71.2843 by changing the saturation by 10% instead.

■ 166.2820, 22.0460,
-71.2843

■ 166.2820, 22.0460,
-71.2843

■ 255.0000, 0.0000,
0.0000

■ 136.1890, 23.0778,
-75.5878

■ 222.4090, 16.0674,
-67.0107

■ 102.8990, 26.1788,
-90.2424

■ 231.3790, 11.6452,
-48.5674

■ 84.6730, 22.3462,
-74.2582

■ 240.3490, 7.2229,
-30.1241

■ 67.1480, 18.6610,
-58.8888

■ 249.3190, 2.8007,
-11.6808

■ 50.3240, 15.1233,
-44.1341

■ 33.6140, 12.0223,
-29.4795

■ 19.4800, 8.6374,

-17.0840

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 166.2820, 22.0460,
-71.2843

■ 166.2820, 22.0460,
-71.2843

■ 158.8290, 25.7203,
-83.1650

■ 173.7350, 18.3716,
-59.4036

■ 151.3760, 29.3946,
-95.0458

■ 181.1880, 14.6973,
-47.5229

■ 143.9230, 33.0690,
-106.9265

■ 188.6410, 11.0230,
-35.6422

■ 136.4700, 36.7433,
-118.8072

■ 196.0940, 7.3487,
-23.7614

■ 136.1710, 36.8907,
-119.4220

■ 203.8460, 3.5269,
-11.2659

■ 211.2990, -0.1474,
0.6148

■ 218.7520, -3.8217,
12.4955

■ 226.2050, -7.4961,
24.3762

■ 227.6780, -8.2223,
23.9614

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.4290, 5.7045, -56.5042



166.2820, 22.0460, -71.2843



171.3400, 30.8914, -61.6882

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.2820, 22.0460, -71.2843



187.7320, 13.4431, 28.2990



181.5640, -28.8721, 20.5534

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.2820, 22.0460, -71.2843



129.7180, -22.0460, 71.2843

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



184.3090, -25.2953, 40.0710



166.2820, 22.0460, -71.2843



187.4710, -0.7252, 46.0679

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.2820, 22.0460, -71.2843



185.8300, 24.7338, 0.1491



185.8230, -14.7027, 49.2672



178.3760, -23.8494, -3.8378

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.2820, 22.0460, -71.2843



176.9770, 31.5633, -43.8298



185.8230, -14.7027, 49.2672



182.7220, -28.4569, 27.4308

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166.2820, 22.0460, -71.2843



238.8980, 7.9383, -26.2205



160.1020, -32.0953, -65.8645



117.5680, 5.1430, -16.2841



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.2820, 22.0460, -71.2843



190.0050, 32.0425, -104.3674



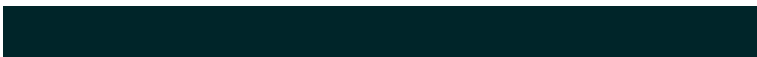
130.4750, 39.6988, -39.8816



101.1240, 1.9109, -6.2477



108.3760, 29.3946, -95.0458



26.3930, 7.2013, -23.1467

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



135.6700, 31.2217, 66.0644



145.0540, 45.8224, 96.4226



166.1120, -39.9882, 39.3668



98.4290, 2.7465, 5.7628



67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 166.2820, 22.0460, -71.2843 looks on a white background.

Color Contrast Check

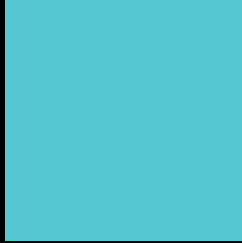
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.2820, 22.0460, -71.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

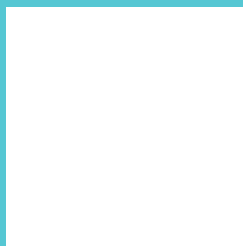
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.2820, 22.0460, -71.2843

Background



This preview shows how black text looks on a background with the YUV color 166.2820, 22.0460, -71.2843.



This preview shows how white text looks on a background with the YUV color 166.2820, 22.0460, -71.2843.

-71.2843.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.2820, 22.0460, -71.2843

Protanopia

182.7530, 8.0098, -2.4144

Deuteranopia

183.8270, 15.8613, -0.7253



Tritanopia

166.7490, 23.7877, -69.9399

Trichromacy



Original Color

166.2820, 22.0460, -71.2843

Protanomaly

176.8530, 12.8905, -27.9351

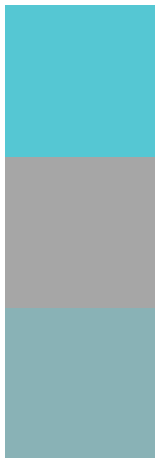
Deuteranomaly

177.5310, 17.9792, -26.7757

Tritanomaly

166.3360, 23.4984, -70.4547

Monochromacy



Original Color

166.2820, 22.0460, -71.2843

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1970, 7.7909, -25.6058

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2820, 22.0460, -71.2843 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 211) }
```

Border

The CSS property to change the border of an element to YUV 166.2820, 22.0460, -71.2843 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 199, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(85, 199, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(85, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 166.2820, 22.0460, -71.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 199,  
211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor